

Table 12.3-4(a) Average Rehabilitation Work for Timber Superstructures (man-hours/square foot)

Timber Superstructure	before/after	9	8	7	6	5	4	3
	9	0.38030395						
	8		0.24203565					
	7	0.07838746		0.07794044				
	6	0.34486764	0.15745125	0.11325568	0.10077821			
	5	0.34432993	0.06671587	0.11446728	0.0727016	0.09680857		
	4	0.29963164	0.08834199	0.05410158	0.16803265	0.08752651	0.0773235	
	3		0.01941748	0.03436548		0.10465794	0.10665061	0.08021365

Table 12.3-4(c) Occurrences of Function Codes for Work on Timber Superstructures

Timber Superstructure- number of occurrences	before/after	9	8	7	6	5	4	3
	9	42						
	8		88					
	7	1		91				
	6	2	6	9	215			
	5	2	3	11	28	264		
	4	4	2	1	8	17	122	
	3		1	3		7	3	80

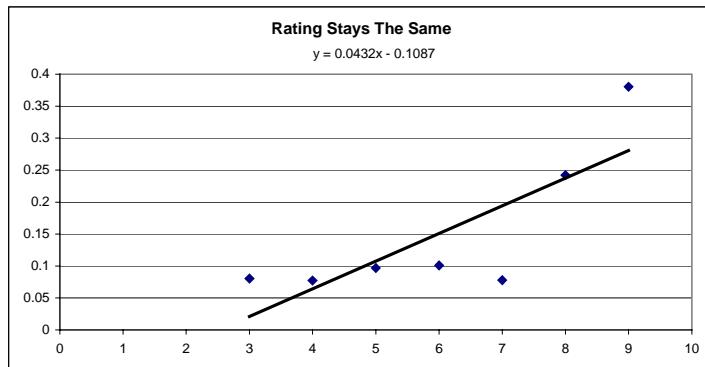


Figure 12.3-4(a) Regression Analysis for Rehabilitation Work for Timber Superstructures Which Did not Change the Condition Rating

Table 12.3-4(b) Average Rehabilitation Work for Timber Superstructures [Chen and Johnston 1987] (man-hours/square foot)

Timber Superstructure (Chen)	before/after	9	8	7	6	5	4	3
	9							
	8		0.066					
	7		0.191	0.054				
	6		0.209	0.045	0.058			
	5		0.205	0.269	0.214	0.048	0.072	
	4		0.487	0.054	0.056	0.132	0.055	
	3		0.227				0.17	0.171
								0.154

Table 12.3-4(d) Occurrences of Function Codes for Work on Timber Superstructures [Chen and Johnston 1987]

Timber Superstructure (Chen)- number of occurrences	before/after	9	8	7	6	5	4	3
	9							
	8		15					
	7		10	59				
	6		19	2	131			
	5	1	20	3	17	53		
	4	7	1	5	4	28		
	3					4	3	6

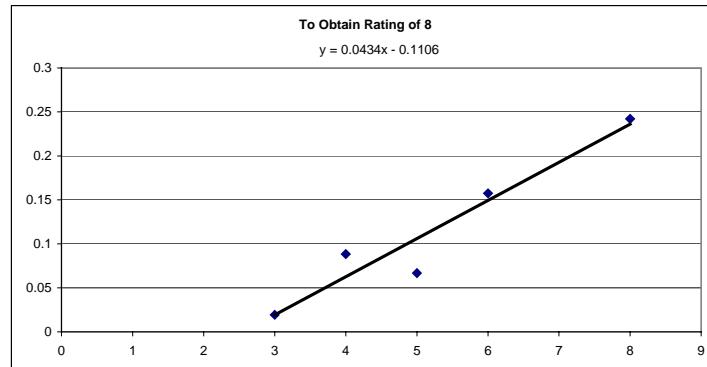


Figure 12.3-4(b) Regression Analysis for Rehabilitation Work for Timber Superstructures Which Changed the Condition Rating to 8

Table 12.3-4(e) Average Rehabilitation Work After Regression Analysis for Timber Superstructures (man-hours/square foot)

Timber Superstructure- final results	before/after	9	8	7	6	5	4	3
	9							
	8		0.2369					
	7		0.1935	0.1937				
	6		0.1501	0.1503	0.1505			
	5		0.1067	0.1069	0.1071	0.1073		
	4		0.0633	0.0635	0.0637	0.0639	0.0641	
	3		0.0199	0.0201	0.0203	0.0205	0.0207	0.0209

Table 12.3-4(f) Average Rehabilitation Work After Regression Analysis for Timber Superstructures [Chen and Johnston 1987] (man-hours/square foot)

Timber Superstructure (Chen)- final results	before/after	9	8	7	6	5	4	3
	9							
	8		0.0407					
	7		0.1034	0.0588				
	6		0.1661	0.1215	0.0769			
	5		0.2288	0.1842	0.1396	0.0950		
	4		0.2915	0.2469	0.2023	0.1577	0.1131	
	3		0.3542	0.3096	0.2650	0.2204	0.1758	0.1312

Tables 12.3-4 and Figures 12.3-4 Rehabilitation Work for Timber Superstructures